SECTION 7: Tripping Cam System

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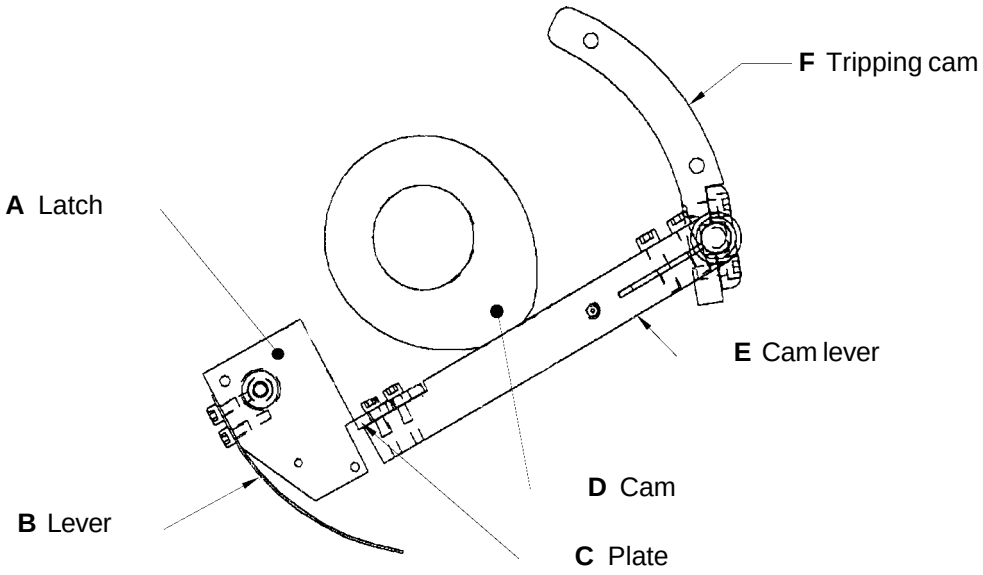
Tripping Cam System

1. System Overview

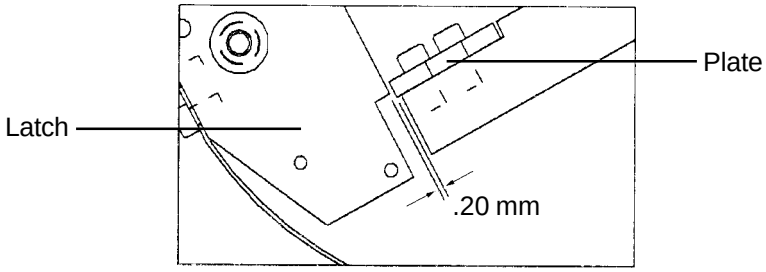
This system is responsible for incrementing the Numbering head.



A Latch: When the Lever swings the Latch, the Latch catches the Cam lever and holds it in the locked position (until the next full drum rotation in which the Pressure roller is not engaged).

B Lever: When the Pressure Roller engages, a bearing on its shaft contacts the Lever which in turn swings the Latch.

C Plate: The Plate is attached to the end of the Cam lever. When adjusted properly, it will be caught by the Latch as the Cam cycles (see specs. below).



D Cam: The Cam is responsible for moving the Cam lever down so it catches the Latch.

E Cam lever: The Cam lever and the Tripping cam are connected to the same shaft. Thus, when the Cam lever is being held down by the Latch, the Tripping cam is also being held down.

F Tripping cam: When held in its down position, the Tripping cam contacts the Roller of the Operating arm causing the Numbering head to increment.